

Product datasheet for **MR204921**

Hyal2 (BC060047) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hyal2 (BC060047) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hyal2
Synonyms: AI256841; AU020858; AW555733
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR204921 representing BC060047
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGCGGGCAGGACTAGGTCCCATCATCACTGGCCCTAGTGCTGGAGGTAGCATGGCCGGGGAGCTTA
AGCCACAGCGCCGCCATCTTCACTGGCCGACCTTTGTGGTAGCATGGAACGTGCCACACAAGAATG
TGCCCCACGCCACAAAGTGCCACTGGACCTTAGGGCCTCGATGTGAAGGCTACACCGAATGAGGGTTTT
TTCAACCAGAATATCACCACCTTCTACTACGACCGTCTAGGCCTGTATCCACGTTTTGATGCAGCCGGGA
CATCTGTGCATGGCGGTGTGCCTCAGAACGGCAGCCTCTGTGCACACCTGCCATGCTGAAGGAATCTGT
GGAACGCTACATCCAGACCCAGGAGCCTGGGGGCTGGCAGTCATTGACTGGGAGGAATGGCGGCCTGTA
TGGGTTTCGAACTGGCAGGAGAAAGATGTTTACCGACAGTCTTCACGCCAGCTGGTGGCCAGTCGGCACC
CTGACTGGCCATCAGACAGATAATGAAGCAGGCCAGTACGAGTTTGTAGTTTCGCCGCTCGGCAGTTCAT
GTTGAACACTCTCCGTTACGTCAAGGCAGTCAGACCCAGCACCTGTGGGGCTTCTACCTTTTCTCTGAC
TGCTACAATCAGATTATGTACAGAAGTGGGAGAGCTACACGGGCCGTGTCCCGATGTGGAGGTGGCAC
GGAACGACCAGCTGGCCTGGCTCTGGGCTGAGAGCAGGCTCTCTTCCCTCTGTGTACCTGGACGAGAC
ACTGGCGTCTCCGTACACAGCCGCAACTTTGTCAAGTTTCCGTGTTTCGGGAGGCCCTTCGAGTGGCTCAC
ACCCACCATGCCAACCACGCCCTCCCGTGTACGTCTTACGCGTCCCACATACACCCGAGGACTCACGG
GACTGAGCCAGGTACGTGTTCTCCCTTCTCCGGGAGCCACTGCATGCTGTGTTATCGGGGACCAGAAG
TACTGTTCCATATCTGTTT

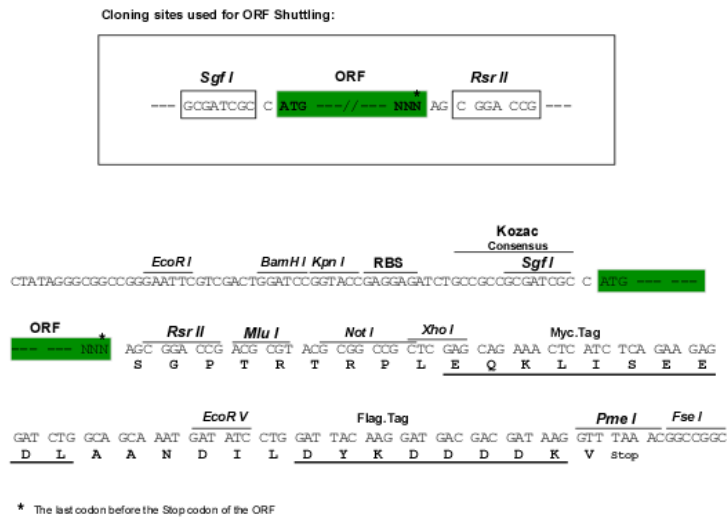
AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

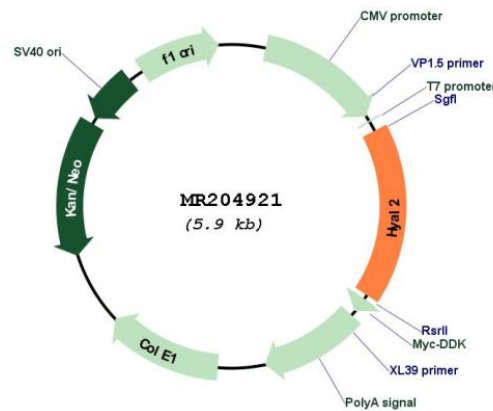


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Cloning Scheme:



Plasmid Map:



ACCN: BC060047

ORF Size: 999 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC060047</u>
RefSeq Size:	2996 bp
RefSeq ORF:	1001 bp
Locus ID:	15587
Cytogenetics:	9 58.12 cM
MW:	109.8 kDa
Gene Summary:	Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R (By similarity). [UniProtKB/Swiss-Prot Function]